

REMARKS

The Office Action dated September 21, 2005, has been received and reviewed.

Claims 1-24 are currently pending and under consideration in the above-referenced application. Each of claims 1-11 stands rejected.

Reconsideration of the above-referenced application is respectfully requested.

Rejections under 35 U.S.C. § 112

Claims 1-9 have been rejected under 35 U.S.C. § 112, second paragraph, for reciting subject matter that is purportedly indefinite.

In rejecting claims 1-9, the Office pointed to various elements described in the specification of the above-referenced application and shown in the drawings thereof. It is respectfully submitted that the description and drawings that have been provided in the above-referenced application are merely examples of embodiments of the invention, as recited in the claims, and should not be construed as limiting the claims in any way.

Independent claim 1 has been rejected for reciting “at least one semiconductor device” that includes “at least one semiconductor device and a mounting element. Independent claim 1 has been revised to recite “at least one semiconductor device assembly” that includes the at least one semiconductor device and the mounting element. It is respectfully submitted that the subject matter recited in amended independent claim 1 complies with the definiteness requirement of 35 U.S.C. § 112, second paragraph, without further limiting the scope of independent claim 1.

Claim 9 has been rejected for reciting that, in addition to at least one semiconductor device, “at least one semiconductor device includes a retainer.” Claim 9 has been amended to recite that the mounting element of the at least one semiconductor device assembly of independent claim 1 includes a receptacle configured to receive and secure an edge of the at least one semiconductor device. In view of the revision of independent claim 1, this recitation complies with the definiteness requirement of the second paragraph of 35 U.S.C. § 112, while broadening the scope of claim 9.

Claims 2-8 have apparently been rejected merely for depending directly or indirectly from independent claim 1.

Withdrawal of the 35 U.S.C. § 112, second paragraph, rejections of claims 1-9 is respectfully requested.

Rejections under 35 U.S.C. § 102

Claims 10 and 11 stand rejected under 35 U.S.C. § 102(b) for reciting subject matter which is purportedly anticipated by that described in U.S. Patent 5,449,297 to Bellomo et al. (hereinafter “Bellomo”).

A claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single reference which qualifies as prior art under 35 U.S.C. § 102. *Verdegaal Brothers v. Union Oil Co. of California*, 2 USPQ2d 1051, 1053 (Fed. Cir. 1987). The identical invention must be shown in as complete detail as is contained in the claim. *Richardson v. Suzuki Motor Co.*, 9 USPQ2d 1913, 1920 (Fed. Cir. 1989).

Bellomo describes an assembly that includes a mother board 32, a connector portion 33 that has been secured to the mother board 32, and a module 36 that carries a number of memory modules 38. The module 36, which appears to be a circuit board, is configured for insertion into a receptacle of the connector portion 33, which orients the module 36 perpendicular to the mother board 32. The memory modules 38, in turn, are oriented parallel to the module 36. Consequently, the connector portion 33 orients the memory modules 38 parallel to the mother board 32. *See* Figs. 5 and 10.

Bellomo lacks any express or inherent description of an assembly that includes an alignment device that is configured to receive at least an edge of at least one semiconductor device. Instead, the connector portion 33 of Bellomo is configured to receive an edge of a circuit board, or module 36.

Bellomo also lacks any express or inherent description of an assembly in which at least one semiconductor device may be oriented nonparallel to a carrier substrate. Rather, the description of Bellomo is limited to an assembly for orienting multiple memory modules 38 parallel to a mother board 32.

For these reasons, Bellomo does not anticipate each and every element of independent claim 10, as would be required to maintain the 35 U.S.C. § 102(b) rejection of independent claim 10.

Claim 11 is allowable, among other reasons, for depending directly from claim 10, which is allowable.

It is respectfully requested that the 35 U.S.C. § 102(b) rejections of claims 10 and 11 be withdrawn.

Allowable Subject Matter

The indications that claims 1-9 are directed to allowable subject matter and that claims 14-24 have been allowed are noted with appreciation.

ELECTION OF SPECIES REQUIREMENT

It is respectfully submitted that independent claims 1, 10, and 14 remain generic to all of the species of invention that were identified in the Election of Species Requirement in the above-referenced application. In view of the allowability of these claims, claims 7, 8, 12, and 13, which have apparently been withdrawn from consideration, should also be considered and allowed. M.P.E.P. § 806.04(d).

CONCLUSION

It is respectfully submitted that each of claims 1-24 is allowable. An early notice of the allowability of each of these claims is respectfully solicited, as is an indication that the above-referenced application has been passed for issuance. If any issues preventing allowance of the above-referenced application remain which might be resolved by way of a telephone conference, the Office is kindly invited to contact the undersigned attorney.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Brick G. Power", written over a horizontal line.

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Date: December 21, 2005
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Document in ProLaw